ANSWER SUMMARY

<u>L3 ANSWER 1 OF 2 REGISTRY</u>
2-Propenamide, N-[4-(1-benzoyl-4-piperidinyl)butyl]-3-(3-pyridinyl)-,(2E)-; 658084-64-1 REGISTRY

<u>L3 ANSWER 2 OF 2 REGISTRY</u>
N-[4-(1-benzoyl-4-piperidinyl)butyl]-3-(3-pyridinyl)- (CAINDEX NAME)OTHER NAMES:2-Propenamide; 201034-75-5 REGISTRY

<u>L8 ANSWER 1 OF 3 CAPLUS</u>
Use of vitamin PP compounds as cytoprotective agents in chemotherapy; 1999:690954 CAPLUS

<u>L8 ANSWER 2 OF 3 CAPLUS</u>
Preparation of pyridyl alkene- and pyridyl alkyne- acid amides as cytostatics and immunosuppressives; 1998:31304 CAPLUS

<u>L8 ANSWER 3 OF 3 CAPLUS</u>
Preparation and formulation of pyridine derivatives as antitumor agents and immunosuppressants; 1998:28656 CAPLUS

```
=> file reg

FILE 'REGISTRY' ENTERED AT 16:59:19 ON 14 JUL 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    13 JUL 2008   HIGHEST RN 1033821-28-1
DICTIONARY FILE UPDATES:   13 JUL 2008   HIGHEST RN 1033821-28-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> s "N-[4-(1-benzoyl-piperidin-4-yl)-butyl]-3-(pyridin-3-yl)-acrylamide"/cn
L1          0 "N-[4-(1-BENZOYL-PIPERIDIN-4-YL)-BUTYL]-3-(PYRIDIN-3-YL)-ACRYLAM
              IDE"/CN

=>
```
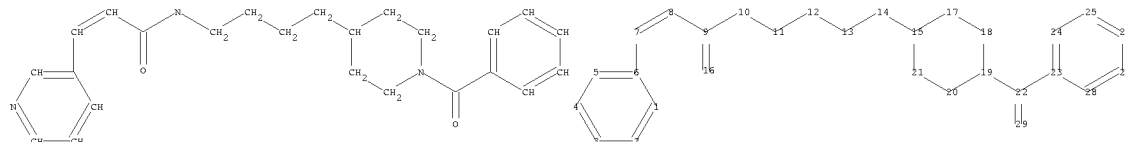


```
chain nodes :

7 8 9 10 11 12 13 14 16 22 29

ring nodes :

1 2 3 4 5 6 15 17 18 19 20 21 23 24 25 26 27 28

chain bonds :

6-7 7-8 8-9 9-10 9-16 10-11 11-12 12-13 13-14 14-15 19-22 22-23 22-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-17 15-21 17-18 18-19 19-20 20-21 23-24 23-28 24-25 25-26
26-27 27-28

exact/norm bonds :

9-10 9-16 15-17 15-21 17-18 18-19 19-20 19-22 20-21 22-29
```

exact bonds :

6-7 7-8 8-9 10-11 11-12 12-13 13-14 14-15 22-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 23-24 23-28 24-25 25-26 26-27 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS

L2   STRUCTURE UPLOADED

=> d l2
L2 HAS NO ANSWERS
L2   STR
/ Structure 1 in file .gra /

Structure attributes must be viewed using STN Express query preparation.

=> s l2 sss full
FULL SEARCH INITIATED 17:02:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   229 TO ITERATE

100.0% PROCESSED   229 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

L3   2 SEA SSS FUL L2

=> d l3 1-2

L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN

=> file caplus

FILE 'CAPLUS' ENTERED AT 17:02:55 ON 14 JUL 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December

26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 – 14 Jul 2008 VOL 149 ISS 3
FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l2
  REGIstRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 17:03:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED –   15 TO ITERATE

100.0% PROCESSED   15 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 68 TO   532
PROJECTED ANSWERS: 0 TO   0

L4   0 SEA SSS SAM L2

L5   0 L4

=> file caplus

FILE 'CAPLUS' ENTERED AT 17:03:10 ON 14 JUL 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN. Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is

strictly prohibited.

FILE COVERS 1907 - 14 Jul 2008 VOL 149 ISS 3
FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

```
=> s l3
L6           17 L3

=> s l16 and pd<=03272002
L16 NOT FOUND
The L-number entered could not be found.  To see the definition
of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l6 and pd<=03272002
          349 PD<=03272002
              (PD<=03272002)
L7            0 L6 AND PD<=03272002

=> s l6 and py<=2002
     22935573 PY<=2002
L8            3 L6 AND PY<=2002

=> d l8 1-3 ibib
```

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN


```
=> l3 and inflammation
L3 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l8 and inflammation
       198312 INFLAMMATION
         2245 INFLAMMATIONS
       199226 INFLAMMATION
              (INFLAMMATION OR INFLAMMATIONS)
L9            0 L8 AND INFLAMMATION

=> s l8 and inflamatory
           35 INFLAMATORY
            1 INFLAMATORIES
           36 INFLAMATORY
              (INFLAMATORY OR INFLAMATORIES)
```

```
L10           0 L8 AND INFLAMATORY

=> s l8 and inflammat?
       315010 INFLAMMAT?
L11           0 L8 AND INFLAMMAT?

=> exit y
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY       SESSION
STN INTERNATIONAL LOGOFF AT 17:16:30 ON 14 JUL 2008
```